

Claims

1. A method for the bleaching of chemical pulp, wherein the pulp is treated in a plurality of different steps and wherein at least in one step a bleaching solution which contains a peracid is used, **characterized** in that the peracid is used in an post-bleaching which is the last step of the bleaching process, the post-bleaching taking place in the presence of one or several earth-alkali metal compounds.
2. A method according to Claim 1, **characterized** in that the brightness of the pulp before the post-bleaching carried out with a peracid is at minimum 85 % ISO.
3. A method according to Claim 1 or 2, **characterized** in that the kappa number of the pulp before the post-bleaching with a peracid is at maximum 4.
4. A method according to any of the above claims, **characterized** in that the amount of the peracid used for the post-bleaching is 0.1-7 kg/tp, preferably 0.5-3 kg/tp.
5. A method according to Claim 4, **characterized** in that the peracid is peracetic acid.
6. A method according to any of the above claims, **characterized** in that the post-bleaching solution contains a calcium compound, such as calcium acetate or calcium carbonate.
7. A method according to any of the above claims, **characterized** in that the post-bleaching solution contains a magnesium compound, such as magnesium sulfate.
8. A method according to any of the above claims, **characterized** in that the pH of the post-bleaching solution is within the range 3-8, preferably 4-7.

9. A method according to any of the above claims, **characterized** in that the post-bleaching is carried out after the bleach plant steps in a pulp flow pipe, a storage tower and/or the paper machine.

10. A method according to any of the above claims, **characterized** in that the post-bleaching is carried out in the paper machine or elsewhere at a paper mill.

11. The use of a solution which contains a peracid or an earth-alkali metal for the post-bleaching of a delignified pulp at a paper mill.